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# **WATER SUPPLY OUTLOOK FOR NEVADA**



**U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE**

Collaborating with

**NEVADA DEPARTMENT of CONSERVATION  
and NATURAL RESOURCES  
DIVISION of WATER RESOURCES**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
**MAY 1, 1977**

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SNOW COURSE MEASUREMENTS BY A SURVEY TEAM IN UTAH'S WASATCH RANGE.  
ORC-254-10

### PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, 6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

### PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia





# ***WATER SUPPLY OUTLOOK***

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# **WATER SUPPLY OUTLOOK FOR NEVADA**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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ALL AVERAGES ARE FOR 1958-72 PERIOD.



# WATER SUPPLY OUTLOOK FOR NEVADA

Snow surveys taken for May 1 indicate very little snow in the Sierras and most areas in Nevada. Of the 64 snow courses scheduled for readings only 24 had measureable snow. All courses had less than 20 percent of average snow water while most were below 10 percent.

This year's snowpack has been one of the poorest since snow survey records began in 1910.

Streamflow forecasts show minimum flows on all streams. Streamflow measurements for April denote many have probably reached their peak. This is 4 to 6 weeks earlier than in a near normal year. Water diversions are being made to only those with greatest seniority water rights.

Water storage in seven major reservoirs represents only 55 percent of average. Lake Tahoe contains 123,000 acre-feet equaling 26 percent of the 1958-72 average.

## East Slope Sierra Nevada

May 1 snowpack is practically non-existent. The length of record for May 1 measurements is short for most snow courses. However, these three snow courses exemplify the situation:

<u>Snow Water Content (Inches)</u>			
<u>Snow Course</u>	<u>This Year</u>	<u>Last Year</u>	<u>Other Low Years</u>
Donner Summit (Truckee River)	0.0	8.8	1931 = 0.0 1934 = 0.0 1939 = 0.0 1951 = 0.0 1959 = 0.0
Furnace Flat (Yuba River)	7.9	17.8	1924 = 10.1 1934 = 25.3 1959 = 0.0
Fordyce Lake (Yuba River)	2.7	10.8	1924 = 7.7 1931 = 0.0 1939 = 0.0 1947 = 0.0 1959 = 0.0

Three snow courses not having May 1 readings, but with a long record for April 1 measurements further illustrate the worst snowpack since records began.

Center Mountain (Walker River)	9.8	16.6	1924 = 17.5 1931 = 15.0 1934 = 19.3
Lake Lucille (Tahoe Basin)	20.5	29.8	1924 = 28.5 1934 = 30.9
Webber Lake (Truckee River)	13.2	22.4	1924 = 20.2 1934 = 21.8 1963 = 20.5

Streamflow forecasts for the May 1 - July 31 period are below 25 percent of average on the Sierra streams. Most will be a minimum record if they occur.

Reservoir storage in six major reservoirs is only 45 percent of average and 44 percent of last year. Lake Tahoe contains 123,000 acre-feet or 26 percent of average, while Lahontan contains 174,000 acre-feet of 79 percent average. Bridgeport and Topaz contain 12,000 and 13,000 acre-feet respectively, which is much below last year's combined total of 71,000 acre-feet.

#### Humboldt and Owyhee Drainages

Measurements in these drainages indicate snow only at a few high elevation snow courses. Lamoille #5 water content was only 20 percent of average while Jacks Peak and Bear Creek Meadows had 40 percent.

Streamflow forecasts are slightly below last month's and most streams appear to have reached their peak flows the month.

Rye Patch Reservoir contains 105,000 acre-feet compared to an average 107,000 acre-feet and last year's 163,000 acre-feet. Wildhorse Reservoir contains 49,000 acre-feet as compared to last year's 69,000 acre-feet. Releases for Wildhorse were started on April 26.

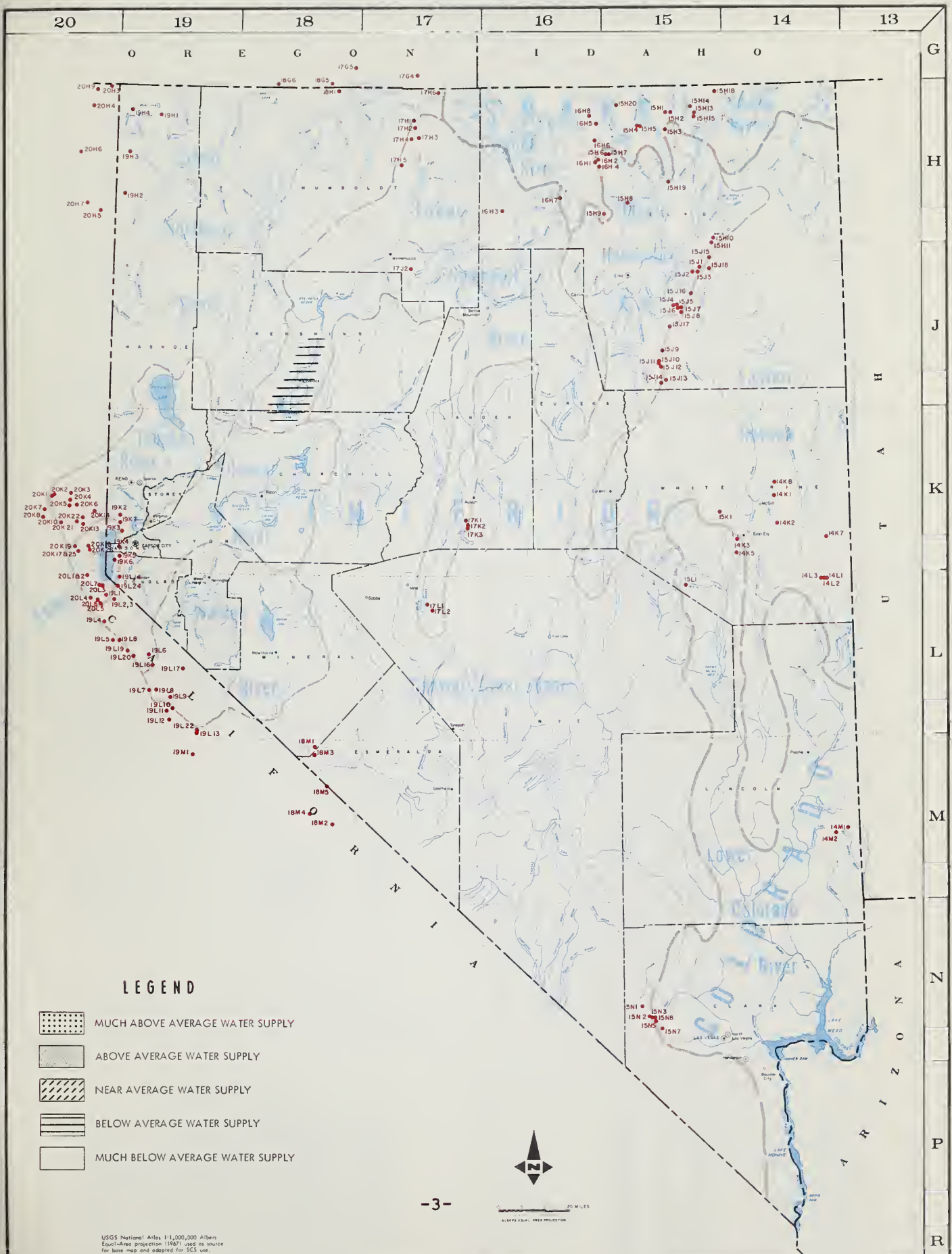
#### Eastern Nevada

Only the Berry Creek snow course was read in this area. Snow water content was 5.3 inches compared to an average 15.4 inches, only 34 percent of average. Most all other areas are void of snow.

#### Northern Great Basin

Cedar Pass was the only snow course checked this month and it was void of snow. Streamflow forecasts in the Surprise Valley are slightly lower than last month's.

# PROSPECTIVE WATER SUPPLY FOR NEVADA





# INDEX TO NEVADA SNOW COURSES (By Basins)

Refer to the map on the preceeding page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
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## Snake River Basin

### Snake River

15H1MA	Bear Creek	31	46N	58E	7800
15H2	Fox Creek	33	46N	58E	6800
15H13A	Goat Creek	31	46N	60E	8800
15H14A	Hummingbird Springs	6	45N	60E	8945
15H20a	Merritt Mountain	10	46N	54E	7000
15H14A	Pole Creek Ranger Station	13	46N	59E	8330
15H18a	Red Point	15	47N	61E	7940
15H3A	76 Creek	6	44N	58E	7100
15H19a	Stag Mountain	29	41N	58E	7800

### Owyhee River

15H4MP	Big Bend	30	45N	56E	6700
16H6a	Columbia Basin	31	44N	53E	6650
16H8a	Fawn Creek	2	45N	52E	7000
15H5	Gold Creek	32	45N	56E	6600
16H1M	Jack Creek, Lower	18	42N	53E	6800
16H2A	Jack Creek, Upper	9	42N	53E	7250
16H4	Jacks Peak	28	42N	53E	8420
16H5	Laurel Draw	20	45N	53E	6700
17G4a	Louse Canyon (Oreg.)	27	40S	44E	6440
15H9MP	Taylor Canyon	35	39N	53E	6200

## Interior

### Upper Humboldt River

15J17a	American Beauty	32	31N	58E	7800
15J12A	Corral Canyon	27	28N	57E	8500
15J1MP	Oorsey Basin	28	35N	60E	8100
15J3	Dry Creek	5	34N	60E	6500
15H7	Fry Canyon	31	43N	54E	6700
15J9MP	Green Mountain	23	29N	57E	8000
15J10	Harrison Pass #1	9	28N	57E	6600
15J11	Harrison Pass #2	16	28N	57E	7400
15J4	Lamoille #1	15	32N	58E	7100
15J5	Lamoille #2	14	32N	58E	7200
15J6M	Lamoille #3	24	32N	58E	7700
15J7	Lamoille #4	19	32N	59E	8000
15J8P	Lamoille #5	31	32N	59E	8700
15J18a	Pole Canyon	31	35N	61E	9140
15J16a	Robinson Lake	23	33N	59E	9200
15H6MP	Roded Flat	36	43N	53E	6800
15J2	Ryan Ranch	1	34N	59E	5800
15H8	Tremewan Ranch	9	39N	55E	5700
15H10P	Trout Creek, Lower	28	37N	61E	6900
15H11A	Trout Creek, Upper	4	36N	61E	8500

### Lower Humboldt River

17K1	Big Creek Camp Ground	10	17N	43E	6600
17K2	Big Creek Mine	23	17N	43E	7600
17K3	Big Creek, Upper	26	17N	43E	7800
17H2	Buckskin, Lower	25	45N	39E	6700
17H1	Buckskin, Upper	11	45N	39E	8200
17L1	Corral, Lower	12	11N	40E	7500
17L2	Corral, Upper	20	11N	41E	8000
17J2	Golconda #2	22	35N	39E	6000
17H4	Granite Peak	22	44N	39E	7800
17H5	Lamance Creek	13	42N	38E	6000
17H3	Martin Creek	18	44N	40E	6700
16H3AP	Midas	18	39N	46E	7200
16H7	Toe Jam a	29	40N	50E	7700

### Eastern Nevada

14L1	Baker #1	29	13N	69E	7950
14L2	Baker #2	30	13N	69E	8950
14L3	Baker #3	25	13N	68E	9250
14K2	Berry Creek	26	17N	65E	9100
14K1	Bird Creek	34	19N	65E	7500
15J13	Cave Creek	25	27N	57E	7590
15J14	Hager Canyon	34	27N	57E	8000
15J15	Hoie-In-Mountain	6	35N	61E	7900
14K3	Kalamazoo Creek	34	20N	65E	7400
14K3	Murray Summit	25	16N	62E	7250
15K1	Robinson Summit	34	18N	61E	7600
14K7	Silver Creek #2	30	16N	69E	8000
14K5	Ward Mountain #2	25	15N	62E	8900

### Central Great Basin

18M2	Campito Mountain (Cal.)	19	5S	35E	10200
18M5a	Chiatovich Flat	32	2S	34E	10500
15N2	Clark Canyon	8	19S	56E	9000
18M1	Montgomery Pass	4	1N	33E	7100
18M3a	Pinchot Creek	28	1N	33E	9300
18M4a	Piute Pass (Cal.)	33	4S	33E	11700
15N1	Trough Springs	23	18S	55E	8500

### Northern Great Basin

19H1	Bald Mountain	17	45N	21E	6720
20H5	Barber Creek (Cal.)	23	39N	16E	6500
20H6	Cedar Pass (Cal.)	12	43N	14E	7100
18G6a	Oeno Creek (Oreg.)	14	41S	34E	6000
18H1	Disaster Peak	8	47N	34E	6500
20H3a	Dismal Swamp (Cal.)	31	48N	17E	7000
20H7	Eagle Peak (Cal.)	35	40N	15E	7200
19H3	49-Mountain	7	42N	19E	6000
19H2	Hays Canyon	1	35N	18E	6400
19H4a	Little Bally Mountain	8	45N	19E	6000
20H9	Mt. Bidwell	6	47N	16E	7200
17G5a	Oregon Canyon (Oreg.)	9	40S	40E	7240
17H6a	Quinn Ridge	9	47N	41E	6300
20H4	Reservation Creek (Cal.)	12	46N	15E	5900
18G5a	Trout Creek (Oreg.)	10	41S	38E	7800

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
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## Lake Tahoe

20L6STZ	Echo Peak	35	12N	17E	7800
20L5	Echo Summit (Cal.)	6	11N	18E	7450
20L7stz	Fallen Leaf (Cal.)	36	13N	17E	6300
19L2	Freel Bench (Cal.)	36	12N	18E	7300
19K6	Glenbrook #2	13	14N	18E	6900
19L3MSZ	Hagans Meadow (Cal.)	36	12N	18E	8000
20L4	Lake Lucille (Cal.)	28	12N	17E	8200
19K4MSTZ	Marlette Lake	18	15N	19E	8000
20L3	Richardsons #2 (Cal.)	6	12N	18E	6500
20L1	Rubicon #1 (Cal.)	6	13N	17E	8100
20L2	Rubicon #2 (Cal.)	6	13N	17E	7500
20K16	Tahoe City (Cal.)	6	15N	17E	6250
20K26	Tahoe City Alt. (Cal.)	7	15N	17E	6300
20K27	Tahoe City Cross (Cal.)	1	15N	16E	6750
19L1	Upper Truckee (Cal.)	21	12N	18E	6400
20K17M	Ward Creek (Cal.)	21	15N	16E	7000
20K25STZ	Ward Creek #2 (Cal.)	21	15N	16E	6750

## Truckee River

20K14	Boca #2 (Cal.)	28	18N	17E	5900
20K22	Brookway Summit (Cal.)	3	17N	16E	7100
20K21	Donner Park #2 (Cal.)	18	17N	16E	6000
20K10	Donner Summit (Cal.)	25	17N	14E	6900
20K7*	Fordyce Lake (Cal.)	34	18N	13E	6500
20K8*	Furnace Flat (Cal.)	10	17N	13E	6700
20K4MSTPZ	Independence Camp (Cal.)	34	19N	15E	7000
20K3	Independence Creek (Cal.)	14	19N	15E	6500
20K5	Independence Lake (Cal.)	9	18N	15E	8450
19K3	Little Valley	17	16N	19E	6300
19K2	Mt. Rose	7	17N	19E	9000
19K7	Mt. Rose Ski Area	30	17N	19E	9000
20K6	Sage Hen Creek (Cal.)	7	18N	16E	6500
20K19	Squaw Valley #2 (Cal.)	6	15N	16E	7500
20K13M	Truckee #2 (Cal.)	22	17N	16E	6400
20K12*	Webber Lake (Cal.)	29	19N	14E	7000
20K1*	Webber Peak (Cal.)	30	19N	14E	8000

## Carson River

19L5	Blue Lakes (Cal.)	30	9N	19E	8000
19L4	Carson Pass, Upper (Cal.)	22	10N	18E	8600
19K5	Clear Creek	6	14N	19E	7300
19L19a	Ebbetts Pass (Cal.)	17	8N	20E	8700
19L16a	Fish Valley, Upper (Cal.)	1	7N	22E	8050
19L06a	Poison Flat (Cal.)	25	8N	21E	7900
19L18A5	Wet Meadows Lake (Cal.)	26	9N	19E	8100
19L20a	Wolf Creek (Cal.)	35	8N	20E	8000

## Walker River

19L11	Buckeye Forks (Cal.)	20	4N	23E	8500
19L10	Buckeye Roughs (Cal.)	15	4N	23E	7900
19L12A	Center Mountain (Cal.)	4	3N	23E	9400
19L8	Leavitt Meadows (Cal.)	4	5N	22E	7200
19L17a	Lobdell Lake (Cal.)	20	7N	24E	9200
19L7M	Sonora Pass (Cal.)	1	5N	21E	8800
19M1*	Tioga Pass (Cal.)	30	1N	25E	9900
19L13	Virginia Lakes (Cal.)	5	2N	25E	9500
19L22MSZ	Virginia Lakes Ridge	32	3N	25E	9200
19L9	Willow Flat (Cal.)	21	5N	23E	8250

## Colorado

### Lower Colorado River

15N5	Kyle Canyon	27	19S	56E	8200
15N3	Lee Canyon #2	9	19S	56E	9200
15N8	Lee Canyon #3	10	19S	56E	8500
14M1	Mathew Canyon	10	6S	70E	6000
14M2	Pine Canyon	23	6S	69E	6200
15N7	Rainbow Canyon #2	6	20S	57E	8100
15L1	White River #1	31	13N	59E	7400

## Legend

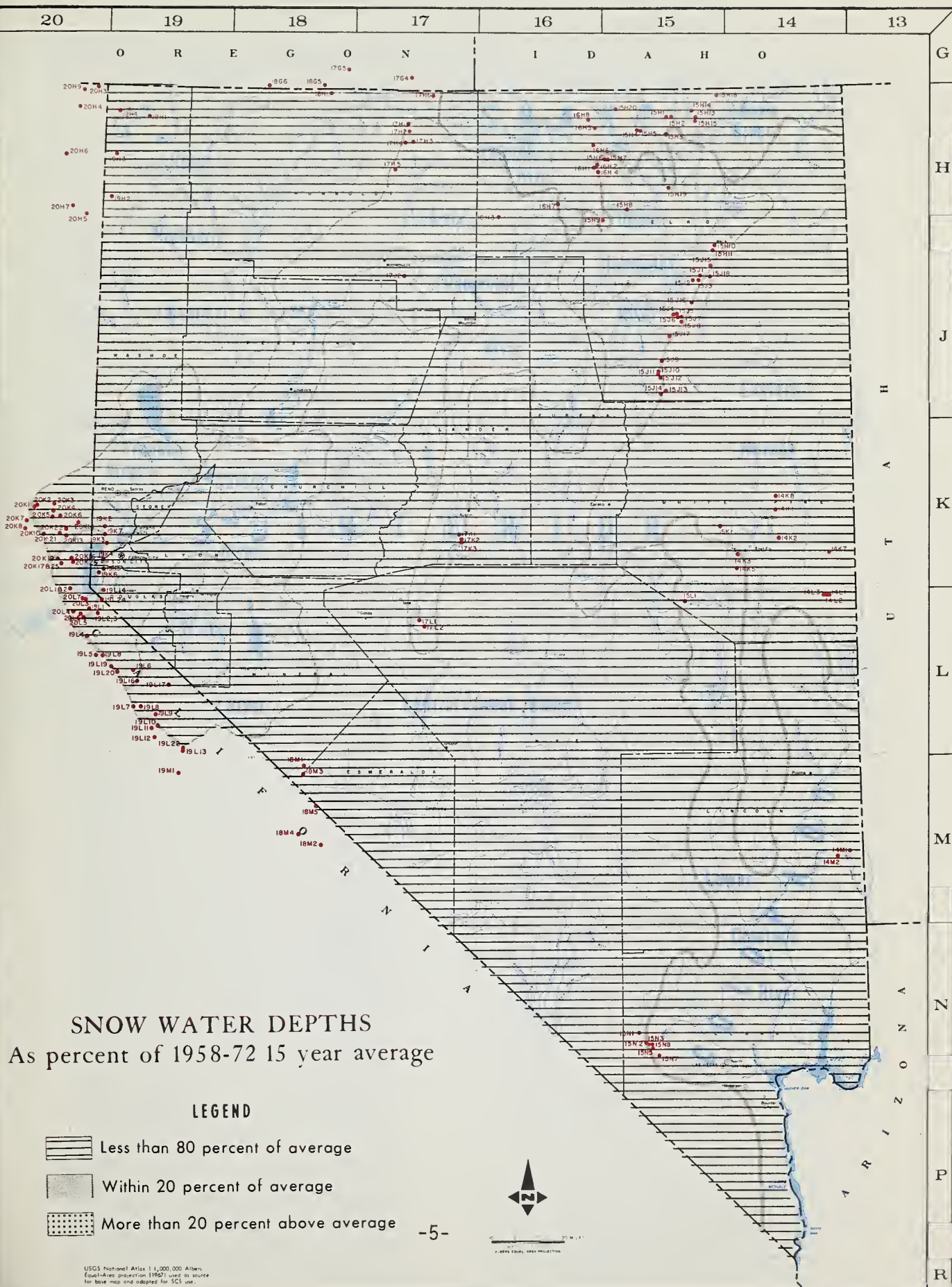
### NUMBERING SYSTEM (EXAMPLE)

19K4	Snow Course Only
19K4S	Snow Course and Snow Pillow
19K4M	Snow Course and Soil Moisture
19K4A	Snow Course and Aerial Marker
19K4P	Snow Course and Storage Precipitation Gage
19K4MA	Snow Course, Soil Moisture and Aerial Marker
19K4MP	Snow Course, Soil Moisture and Precipitation Gage
19K4STZ	Snow Course, Snow Pillow and Temperature Radio Telemetered.

Lower case letters m, a, p, s, t, z, indicate no snow course, only a Soil Moisture Station, Aerial Marker, Storage Precipitation Gage, Snow Pillow, Temperature, or Radio Telemetered.

\*Located on adjacent watershed

## SNOW WATER DEPTHS





# STREAMFLOW FORECASTS (Thousand Acre Feet) as of: May 1, 1977

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1958-72 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>TRUCKEE RIVER</u>				
Little Truckee River above Boca, CA <sup>1</sup>	May-July	7	11	65
Truckee River at Farad, CA <sup>1</sup>	May-July	25	13	199
Lake Tahoe Rise in Feet (from May 1, assuming gates closed)	May-High	0	0	1.09
<u>CARSON RIVER</u>				
East Carson near Gardnerville, NV	May-July	28	19	150
West Carson at Woodfords, CA	May-July	8	20	41
Carson River near Carson City, NV	May-July	10	7	146
Carson River at Fort Churchill, NV	May-July	6	5	131
<u>WALKER RIVER</u>				
East Walker near Bridgeport, CA <sup>1</sup>	May-Aug.	4	7	59
West Walker below Little Walker near Coleville, CA	May-July	32	25	129
<u>HUMBOLDT RIVER</u>				
Lamoille Creek near Lamoille, NV	May-July	5	19	26
South Fork Humboldt near Elko, NV	May-July	12	21	57
Marys River above Hot Springs, NV	May-July	3	13	24
North Fork Humboldt at Devils Gate, NV	May-July	2	10	20
Humboldt River at Palisade, NV	May-July	10	7	149
Humboldt River at Comus, NV	May-July	6	5	113
Martin Creek near Paradise, NV	May-July	1	10	10

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+ 1958-1972 period.



STREAMFLOW FORECASTS (Thousand Acre Feet) as of: May 1, 1977

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>SNAKE RIVER</u>				
Owyhee River near Owyhee, NV <sup>1</sup>	May-July	6	15	41
Owyhee River near Gold Creek NV <sup>1</sup>	May-July	1	13	8
Salmon Falls Creek near San Jacinto, NV	May-July	11	22	50
	May-Sept.	12	22	54
<u>SURPRISE VALLEY</u>				
Bidwell Creek near Ft. Bidwell, CA	May-July	2.2	25	9.0
Mill Creek near Cedarville, CA	May-July	1.0	29	3.5
Deep Creek near Cedarville, CA	May-July	0.6	28	2.2
Eagle Creek near Eagleville, CA	May-July	1.4	36	3.8
<u>COLORADO RIVER</u>				
Virgin River at Virgin, UT	May-June	9	33	28
Virgin River at Littlefield, AZ	May-June	7	28	25
<sup>1</sup> Corrected for storage				

# **PEAK FLOWS** (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
East Fork Carson River near Gardnerville NV	400 - 600	1728
Carson River near Carson City, NV	200 - 400	1901
Carson River at Fort Churchill, NV	100 - 300	1730
West Walker River below Little Walker near Coleville, CA	500 - 700	1532

## **FORECAST DATE of LOW FLOW VALUES**

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	5/21	7/20

## **SOIL MOISTURE MEASUREMENTS**

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average +
<u>TAHOE-TRUCKEE BASIN</u>					
Independence Camp	34	6.1	4/26/77	2.7	4.6
Marlette Lake	50	3.7	NS		2.9
<u>WALKER BASIN</u>					
Sonora Pass	48	8.3	NS		7.5
Virginia Lakes Ridge	40	5.0	4/26/77	2.6	2.1
*Adjusted Average					

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# RESERVOIR STORAGE (Thousand Acre Feet) as of May 1, 1977

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Owyhee	Wild Horse	72	49	69	30
Lower Humboldt	Rye Patch	172	105	163	107
Colorado	Mohave	1,810	1,755	1,656	1,693
Colorado	Mead	26,159	20,620	20,099	16,943
Tahoe	Tahoe	732	123	471	480
Truckee	Boca	41	34	32	27
Truckee	Prosser**	30	3	10	8*
Truckee	Stampede	220	36	124	***
Carson	Lahontan	291	174	221	219
West Walker	Topaz	59	13	47	40
East Walker	Bridgeport	42	12	36	31
* Adjusted average ** Flood control use allocation of 20,000 acre feet between November 1 and April 10. *** Storage began August 1, 1969.					

## TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	574	1037	718
January 1	488	1005	714
February 1	509	1015	782
March 1	545	1048	843
April 1	550	1048	893
May 1	510	1037	934

† 1958-1972 period.

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet.

TOTAL USABLE CAPACITY 1,409

# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME	Elevation				Last Year	Average †
<u>LAKE TAHOE</u>						
Echo Peak (CA)	7800	4/26/77	0	0.0	1.3	-
Echo Summit (CA)	7450	4/29/77	0	0.0	5.3	24.2
Freel Bench (CA)	7300	4/26/77	0	0.0	0.0	6.3
Hagans Meadow (CA)	8000	4/26/77	0	0.0	0.0	12.4
Heavenly Valley	8800	4/26/77	0	0.0	9.2	-
Marlette Lake	8000	4/26/77	0	0.0	4.7	21.6
Upper Truckee (CA)	6400	4/26/77	0	0.0	0.0	-
Ward Creek #2 (CA)	7000	4/26/77	7	3.2	11.3	40.1
Ward Creek #3 (CA)	6750	4/26/77	9	3.5	14.9	-
<u>TRUCKEE RIVER</u>						
Donner Summit (CA)	6900	4/20/77	0	0.0	8.8	30.7
Fordyce Lake (CA)	6500	4/20/77	6	2.7	10.8	36.9
Furnace Flat (CA)	6700	4/20/77	18	7.9	17.8	43.1
Independence Camp (CA)	7000	4/26/77	0	0.0	2.0	18.1
Independence Creek (CA)	6500	4/26/77	0	0.0	0.0	7.3
Independence Lake (CA)	8450	4/26/77	22	9.2	22.3	47.0
Mount Rose	9000	4/26/77	4	2.3	14.0	-
Mount Rose Ski Area	8850	4/26/77	14	5.9	17.7	-
Squaw Valley #2 (CA)	7500	4/26/77	20	8.9	23.3	51.4
<u>CARSON RIVER</u>						
Blue Lakes (CA)	8000	4/25/77	11	3.3	13.6	32.3
Carson Pass, Upper (CA)	8600	4/26/77	0	0.0	7.2	33.3
Ebbetts Pass #2 (CA)	8700	4/26/77	4	1.4	14.0	-
Poison Flat (CA)	7900	4/26/77	0	0.0	0.0	-
Wet Meadows #2 (CA)	8050	4/26/77	2	0.6	8.8	-
Wolf Creek (CA)	8000	4/26/77	0	0.0	0.0	-
Upper Fish Valley (CA)	8050	4/26/77	0	0.0	0.0	-
<u>WALKER RIVER</u>						
Lobdell Lake (CA)	9200	4/26/77	0	0.0	0.0	-
Sawmill Ridge (CA)	8750	4/26/77	0	0.0	0.0	-
Sonora Pass (CA)	8800	4/26/77	0	0.0	0.0	19.1
Virginia Lakes (CA)	9500	4/26/77	0	0.0	0.0	14.2
Virginia Lakes Ridge (CA)	9200	4/26/77	8	3.2	4.1	-
Leavitt Meadows (CA)	7200	4/26/77	0	0.0	0.0	-



# SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average †

## OWYHEE RIVER

Big Bend	6700	4/26/77	0	0.0	3.1	1.3
Gold Creek	6600	4/26/77	0	0.0	0.5	0.3
Jack Creek, Lower	6800	4/26/77	0	0.0	0.4	0.1
Jack Creek, Upper	7250	4/26/77	0	0.0	3.7	3.4
Jacks Peak	8420	4/26/77	36	12.9	31.3	26.7
Taylor Canyon	6200	4/26/77	0	0.0	0.0	0.1
Laurel Draw	6700	4/26/77	0	0.0	-	-

## SNAKE RIVER

Bear Creek	7800	4/26/77	21	8.2	26.8	20.1
Goat Creek	8800	4/29/77	14	5.5a	24.4a	19.7
Hummingbird Springs	8945	4/29/77	14	5.5a	35.0a	27.7
Pole Creek Ranger Station	8330	4/29/77	4	1.6a	27.4	22.6
Red Point	7940	4/29/77	0	0.0a	3.6	9.1
76 Creek	7100	4/26/77	0	0.0	8.1	-

## UPPER HUMBOLDT RIVER

Dorsey Basin	8100	4/26/77	0	0.0	12.9	-
Fry Canyon	6700	4/26/77	0	0.0	0.1	1.1
Lamoille #1	7100	4/26/77	0	0.0	4.5	1.9
Lamoille #3	7700	4/26/77	0	0.0	8.9	7.1
Lamoille #5	8700	4/26/77	15	5.6	29.5	26.7
Rodeo Flat	6800	4/26/77	0	0.0	0.9	1.1
Tremewan Ranch	5700	4/26/77	0	0.0	0.0	0.1

## EASTERN NEVADA

Berry Creek	9100	4/25/77	15	5.3	-	15.4
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## NORTHERN GREAT BASIN

Cedar Pass (CA)	7100	4/29/77	0	0.0	16.5	11.1
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NS No Survey

a Aerial Marker - Water Content Estimated

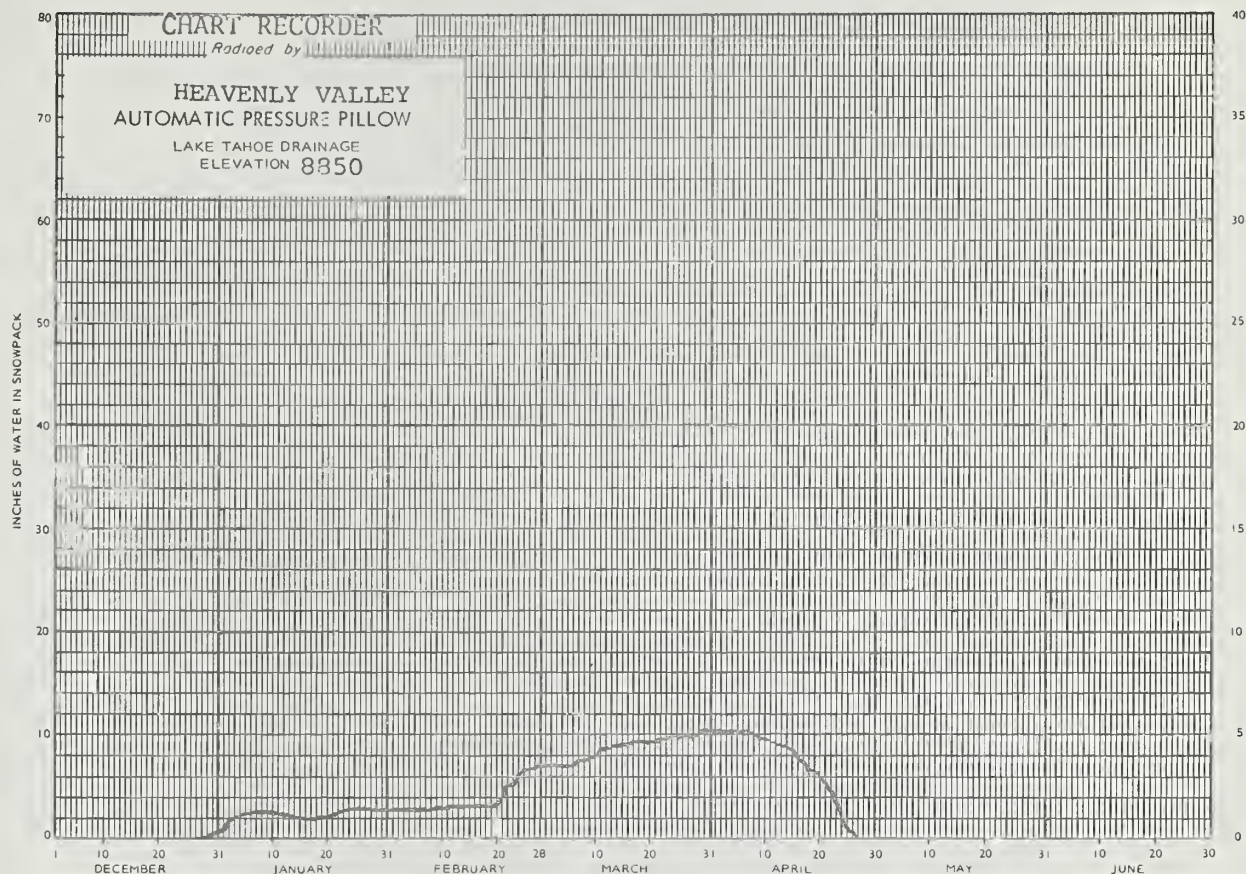
NOTE:  
All averages based on 1958-72, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted.  
a-Aerial marker; water content estimated. \* 1958-72 adjusted average.

# PRECIPITATION (Inches)

May 1, 1977

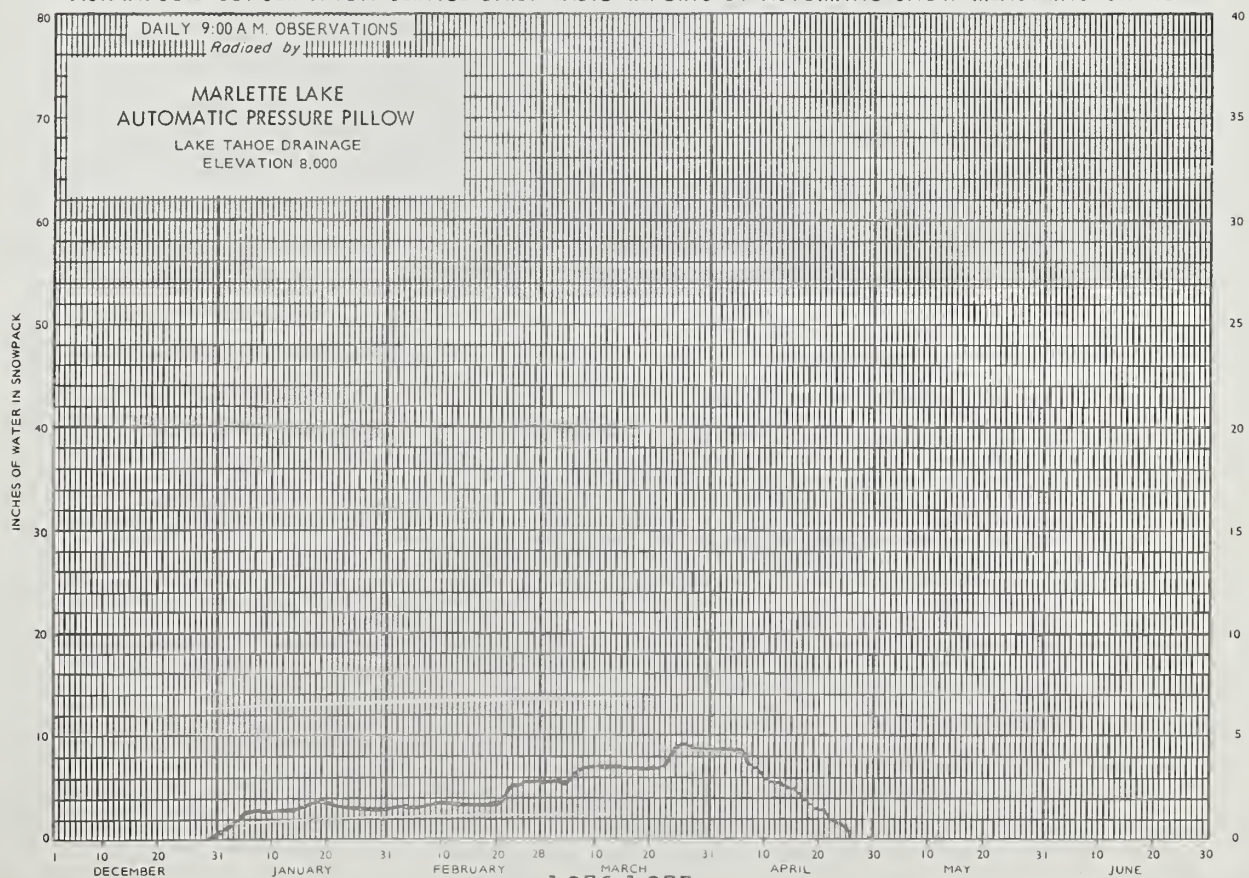
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Last Year	This Year	Last Year	Percent of Average
<u>LAKE TAHOE-TRUCKEE</u>							
Echo Peak	7800	4/26/77	0.5	2.2	15.9	26.0	-
Fallen Leaf	6240	4/28/77	-	-	11.4	15.8	-
Hagans Meadow	8000	NS	-	-	-	-	-
Independence Camp	7000	4/26/77	1.1	1.8	11.8	15.9	-
Independence Creek	6500	4/26/77	0.2	0.7	11.3	8.7	-
Independence Lake	8450	4/26/77	0.1	-	16.8	-	-
Marlette Lake	8000	4/25/77	0.4	0.6	11.6	13.9	-
Mount Rose	9000	4/26/77	0.5	1.1	9.0	16.8	-
Ward Creek #3	6750	4/26/77	2.2	3.4	23.0	34.1	-
<u>CARSON RIVER</u>							
Ebbetts Pass	8750	4/26/77	0.5	1.6	14.9	22.2	-
Poison Flat	7900	4/26/77	0.7	0.7	7.3	14.0	-
Wet Meadows	8050	4/26/77	0.7	0.1	11.8	12.2	-
<u>WALKER RIVER</u>							
Lobdell Lake	9200	4/26/77	1.0	-	5.9	-	-
Sonora Pass	8800	4/26/77	0.8	2.4	14.1	16.9	-
Virginia Lakes Ridge	9200	4/26/77	1.7	-	18.7	-	-
<u>HUMBOLDT RIVER</u>							
Corral Canyon	8500	NS	-	-	-	-	-
Dorsey Basin	8100	4/26/77	1.7	5.0	12.8	7.5	-
Green Mountain	8000	NS	-	-	-	-	-
Lamoille #3	7700	4/26/77	1.5	-	15.3	-	-
Rodeo Flat	6800	4/26/77	-	1.5	8.4	16.0	62
Trout Creek, Lower	6900	NS	-	-	-	-	-
<u>OWYHEE RIVER</u>							
Big Bend	6700	4/26/77	1.4	1.8	11.8	14.5	87
Jacks Peak	8420	4/26/77	2.9	-	24.6	-	-
Taylor Canyon	6200	4/26/77	0.5	1.0	8.5	9.5	88
Upper Jack Creek	7250	4/26/77	1.1	-	18.6	-	-
<u>SNAKE RIVER</u>							
76 Creek	7100	4/26/77	0.4	2.2	5.9	15.4	-
Bear Creek	7800	4/26/77	7.2	3.1	15.0	22.4	-
<u>EASTERN NEVADA</u>							
Berry Creek	9100	4/25/77	1.6	-	15.1	-	-





1976-1977

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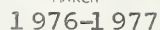
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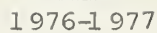
INCHES OF WATER IN SNOWPACK



## DAILY 9:00 A.M. OBSERVATIONS

Rodioed by]

INCHES OF WATER IN SNOWPACK



# IMPORTANT NOTICE

## WATER SUPPLY OUTLOOK FOR NEVADA

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